

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A method of producing analytical data comprising:
 - a measurement step of obtaining calculating measurement data by means of a measurement device for a subject's in vivo test and/or in vitro test,
 - a first transmission step of transmitting said measurement data from said measurement device to an analysis device via a network,
 - a first receiving step of receiving said measurement data by said analysis device,
 - an analysis step of analyzing said measurement data by said analysis device to obtain analytical data,
 - a second transmission step of transmitting said analytical data from said analysis device, via said network, to said measurement device, and
 - a second receiving step of receiving said analytical data by said measurement device.
2. (Original) The method of producing analytical data according to Claim 1, wherein said first transmission step includes a step of associating a communication address of said measurement device with said measurement data.
3. (Currently Amended) A method of producing analytical data comprising:
 - a measurement step of obtaining calculating measurement data by means of a measurement device for a subject's in vivo test and/or in vitro test,

a first transmission step of transmitting said measurement data from said measurement device to an analysis device via a network,

a first receiving step of receiving said measurement data by said analysis device,

an analysis step of analyzing said measurement data by said analysis device to obtain analytical data,

a second transmission step of transmitting said analytical data from said analysis device, via said network, to an output device that outputs said analytical data,

a second receiving step of receiving said analytical data by said output device, and

an output step of outputting said analytical data by said output device.

4. (Original) The method of producing analytical data according to Claim 3, wherein said first transmission step includes a step of associating a communication address of said output device with said measurement data.

5. (Currently Amended) An analytical data producing device, comprising:

connection means for connecting, via a network, a measurement device that conducts measurements for a subject's in vivo test and/or in vitro test and obtains calculates measurement data,

receiving means for receiving said measurement data from said measurement device via said connection means,

analysis means for conducting an analysis of said measurement data, and obtaining calculating analytical data, and

transmission means for transmitting, via said connection means, said analytical data to said measurement device.

6. (Original) The analytical data producing device according to Claim 5, wherein
said receiving means receives a communication address of said measurement device
and associates said communication address with said measurement data.

7. (Original) The analytical data producing device according to Claim 5, wherein
said receiving means further receives identification information and test items for
said subject that are associated with said measurement data, and
said transmission means transmits said identification information of said subject and
said test items associated with said measurement data.

8. (Currently Amended) The analytical data producing device according to Claim 5,
wherein

 said receiving means further receives device identification information that identifies
 a class of said measurement device and said measurement data associated therewith,
 and said analysis means includes:
 storage means for storing analysis methods of said measurement data for each class of
 said measurement device,
 determination means for determining said class of said measurement device based
 upon said measurement identification information, and
 selection means for selecting an analysis method corresponding to said class of said
 measurement device from amongst said stored analysis methods, and for applying the
 selected analysis method same to analysis of said measurement data.

9. (Original) The analytical data producing device according to Claim 5, further comprising:

results storage means for storing conditions on a contract relating to analysis of measurement data exchanged between a manager of the analytical data producing device and a manager of said measurement device, and usage results of said analytical data production device that said manager of said measurement device used, and determination means for determining items billed to said manager of said measurement device based on said contract conditions and said usage results.

10. (Currently Amended) An analytical data producing device, comprising:
connection means for connecting, via a network, a measurement device that conducts measurements for a subject's in vivo test and/or in vitro test and obtains calculates measurement data,
receiving means for receiving said measurement data from said measurement device via said connection means,
analysis means for conducting an analysis of said measurement data, and obtaining calculating analytical data, and
transmission means for transmitting, via said connection means, said analytical data to an output device that outputs said analytical data.

11. (Original) The analytical data producing device according to Claim 10, wherein said receiving means receives a communication address of said measurement device and associates said communication address with said measurement data.

12. (Original) The analytical data producing device according to Claim 10, wherein
said receiving means further receives identification information and test items for
said subject that are associated with said measurement data, and
said transmission means transmits said identification information of said subject and
said test items associated with said analytical data.

13. (Currently Amended) The analytical data producing device according to Claim 10,
wherein

 said receiving means further receives device identification information that identifies
 a class of said measurement device and said measurement data associated therewith,
 and said analysis device includes:
 storage means for storing analysis methods of said measurement data for each class of
 said measurement device,
 determination means for determining said class of said measurement device based
 upon said measurement identification information, and
 selection means for selecting an analysis method corresponding to said class of said
 measurement device from amongst said stored analysis methods, and for applying the
 selected analysis method same to analysis of said measurement data.

14. (Original) The analytical data producing device according to Claim 10, further
comprising:

 results storage means for storing conditions on a contract relating to analysis of
 measurement data exchanged between a manager of the analytical data producing device and

a manager of said measurement device, and usage results of said analytical data production device that said manager of said measurement device used, and determination means for determining items billed to said manager of said measurement device based on said contract conditions and said usage results.

15. (Currently Amended) A computer program product for an analytical data production, comprising:

connection means for connecting, via a network, a measurement device that conducts measurements for a subject's in vivo test and/or in vitro test and obtains calculates measurement data,

receiving means for receiving said measurement data from said measurement device via said [[a]] network,

analysis means for conducting an analysis of said measurement data, and obtaining calculating analytical data, and

transmission means for transmitting, via said network, said analytical data to said measurement device.

16. (Currently Amended) A computer program product for an analytical data production, comprising:

connection means for connecting, via a network, a measurement device that conducts measurements for a subject's in vivo test and/or in vitro test and obtains calculates measurement data,

receiving means for receiving said measurement data from said measurement device via said [[a]] network,

analysis means for conducting an analysis of said measurement data, and obtaining calculating analytical data, and

transmission means for transmitting, via said network, said analytical data to an output device that outputs analytical data.

17. (Currently Amended) A measurement device to be connected via a network to an analysis device, comprising:

measurement means for conducting measurements for a subject's in vivo test and/or in vitro test and for obtaining calculating measurement data,

first connection means for connecting said measurement means to said analysis device, via said network, and

first transmission means for transmitting said measurement data to said analysis device via said first connection means,

wherein the network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

18. (Currently Amended) The measurement device according to Claim 17, wherein said first transmission means associates a communication address of said measurement device with said measurement data and transmits said measurement data the same.

19. (Currently Amended) The measurement device according to Claim 17, wherein said first transmission means associates identification information of said subject and test items with said measurement data and transmits said measurement data the same.

20. (Currently Amended) The measurement device according to Claim 17, wherein said first transmission means associates device identification information that indicates the identity of said measurement device with said measurement data and transmits said measurement data the same.

21. (Original) The measurement device according to Claim 17, further comprising:
an output means for outputting analytical data obtained by analyzing said measurement data,
second connection means for connecting said output means to said analysis device,
receiving means for receiving from said analysis device analytical data obtained by analyzing said measurement data, and
second transmission means for transmitting said analytical data received by said receiving means, via said second connection means, to said output means,
wherein said first transmission means employs a communication address of said measurement device as an communication address.

22. (Currently Amended) The measurement device according to Claim 17, further comprising
output means for outputting analytical data received from said analysis device.

23. (Currently Amended) A computer program product comprising:
measurement means for conducting measurements for a subject's in vivo test and/or in vitro test and obtaining calculating measurement data,

first connection means for connecting said measurement means to an analysis device, via a network, that analyzes said measurement data, and

first transmission means for transmitting said measurement data to said analysis device via said network,

wherein the network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

24. (Currently Amended) An output device A computer to be connected to a measurement device that receives an analytical data from an analysis device for obtaining the analytical data based on a measurement data comprising:

connection means for connecting to the [[a]] measurement device that conducts measurements for a subject's in vivo test and/or in vitro test and obtains the ealculates measurement data,

receiving means for receiving the analytical said measurement data from the said measurement device via said connection means, and

output means for outputting the analytical said measurement data.

25. (Canceled).

26. (Currently Amended) An output device to be connected to an analysis device that is connected, via a network, to a measurement device for conducting measurements for a subject's in vivo test and/or in vitro test and obtaining a measurement data, comprising:

connection means for connecting, via the network, to the [[an]] analysis device that analyzes the measurement data of a measurement device for a subject's in vivo test and/or in vitro test and obtains calculates analytical data,

receiving means for receiving said analytical data from said analysis device via said connection means, and

output means for outputting said analytical data.

27. (Currently Amended) The output device according to Claim 26, wherein said receiving means receives identification information and test items for said subject that is related to said analytical data, and

 said output device associates said subject's identification information and test items with said analytical data and outputs said analytical data the same.

28-29. (Canceled).

30. (New) The method of producing analytical data according to claim 1, further comprising:

 an outputting step of outputting said analytical data by said measurement device.

31. (New) The method of producing analytical data according to claim 1, wherein the network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

32. (New) The method of producing analytical data according to claim 3, wherein

the network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

33. (New) The measurement device according to claim 22, wherein
the output means comprises a computer.

34. (New) A system of producing analytical data comprising:
a measurement device; and
an analysis device to be connected via a network to the measurement device;
wherein the measurement device comprises
measurement means for conducting measurements for a subject's in vivo test
and/or in vitro test and for obtaining measurement data,
first connection means for connecting said measurement means to said
analysis device, via said network, and
first transmission means for transmitting, via said first connection means, said
measurement data to said analysis device, and
the analysis device comprises
second connection means for connecting, via the network, the measurement
device,
receiving means for receiving said measurement data from said measurement
device via said second connection means,
analysis means for conducting an analysis of said measurement data, and
obtaining analytical data, and

second transmission means for transmitting, via said second connection means, said analytical data to said measurement device.

35. (New) A system of producing analytical data comprising:

a measurement device;

an analysis device to be connected via a network to the measurement device; and

an output device to be connected via the network to the analysis device;

wherein the measurement device comprises

measurement means for conducting measurements for a subject's in vivo test and/or in vitro test and for obtaining measurement data,

first connection means for connecting said measurement means to said analysis device, via said network, and

first transmission means for transmitting said measurement data to said analysis device via said first connection means,

the analysis device comprises

second connection means for connecting, via the network, the measurement device,

first receiving means for receiving said measurement data from said measurement device via said second connection means,

analysis means for conducting an analysis of said measurement data, and

obtaining analytical data, and

second transmission means for transmitting, via said second connection means, said analytical data to said output device, and

the output device comprises

third connection means for connecting, via the network, to the analysis device,
second receiving means for receiving said analytical data from said analysis
device via said third connection means, and
output means for outputting said analytical data.

36. (New) The system according to claim 34, wherein
the measurement device further comprises an output means for outputting said
analytical data.

37. (New) The system according to claim 34, wherein
the network is selected from the group consisting of an internet, a public telephone
network, a mobile communication network, and an ISDN.

38. (New) The system according to claim 34, further comprising:
a WWW server for storing a patient data.

39. (New) The system according to claim 35, wherein
the network is selected from the group consisting of an internet, a public telephone
network, a mobile communication network, and an ISDN.

40. (New) The system according to claim 35, further comprising:
a WWW server for storing patient data.